

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0543325003](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type B

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-51238-016 \(PDF\)](#)
[Product Specification PS-51238-017 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	54332
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC™
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	50
Color - Resin	Gray
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel, Zinc Alloy
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	4
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical	
Current - Maximum per Contact	2A, 3A, 4A, 5A, 7A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers	
Product Specification	PS-51238-016, PS-51238-017
Sales Drawing	SD-54332-005



image - Reference only Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[54332Series](#)

Mates With
[51233-5013](#) receptacle housing,
[55837-5003](#) receptacle assembly set,
[55838-5003](#) receptacle assembly set

This document was generated on 04/02/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO.
SD-54332-005

F

D

C

C

B

DO NOT SCALE DRAWING

F

E

D

C

B

A

54332005.S01

PLUG COVER B	I	59588-5000				
PLUG COVER A	I	59587-5010				
CROSS RECESSED HEAD SCREW (M3)	2	58203-0030				
CROSS RECESSED HEAD SCREW (M2.5)	2	58203-0020				
CABLE CLAMP	I	59589-5000				
PLUG SOCKET HS'G ASS'Y	I	51239-5011	51239-5012	51239-5013	51239-5014	51239-5015
部品名称 PART NAME	数量 QUAN.	部品型番 PART NO.				
極数 CIRCUIT		50				
セット型番 SET NO.		54332-5001	54332-5002	54332-5003	54332-5004	54332-5005
タイプ TYPE		STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

54332-5005	54332-500*
54332-5004	
54332-5003	
54332-5002	
54332-5001	
MATERIAL NO.	MODEL NO.

104NO. DRWN: CHK'g APPR:	103NO. DRWN: CHK'g APPR:	102NO. DRWN: CHK'g APPR:	101NO. DRWN: CHK'g APPR:	RELEASED '02/02/04 J2002-1828 DRWN: S.AKIYAMA CHK'g: J.MIYAZAWA APPR: YO.ITO	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	SHEET NO. 1 OF 1	REV ON CAD ONLY					
						FINISH 仕上								10 UNDER 未満	±0.2	DRAWN BY & DATE <i>S. Akiyama</i> '02/01/22	TITLE: COMPACT ROBOT CONN. 50CKT. PLUG SOCKET SET	
														10 OVER 以上	30 UNDER 未満	±0.25		CHECKED BY & DATE <i>M. Igarashi</i> '02/02/04
														30 OVER 以上		±0.3		APPROVED BY & DATE <i>Y. Ito</i> '02/02/04
	WIRE RANGE 適用電線範囲	ANGLE 角度	±3°	CAD FILENAME 54332005.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-54332-005	SHEET NO. 1 OF 1											
0							INS. RANGE 被覆外径	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE B					